PTO/SB/08A (08-03)

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INFORMATION DISCLOSURE

Substitute for form 1449/PTO

Sheet 1

(Use as many sheets as necessary)

STATEMENT BY APPLICANT

Complete if Known		
Application Number	10/707340	
Filing Date	12/05/2003	
First Named Inventor	Duncan	
Art Unit		
Examiner Name		

AL.US.16

U. S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, When Relevant Passages or Relevan Figures Appear	
		Number-Kind Code ^{2 (7 known)}			rigules Appear	
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Examiner Cite Initials* No.		Foreign Patent Document	IGN PATENT DOCL Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code ³ "Number ⁴ "Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	_
MA,	48	WO-99/47268-A1	09-23-1999	Monsanto Co.		
MI	49	WO-01/87464-A1	11-22-2001	Powerspan Corp.		
M	50	DE-4335867-A1	05-04-1995	Remstedt	abstract	
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Examiner Signature	bonos n. Attick	Date Considered 4/28/05

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This collection of Information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/08B (08-03)

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	NON PATENT LITERATURE DOCUMENTS	
Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
51	LEE et al., "The Effect of In Situ Generated Ammonia-Sulfur Aerosols on the Removal of NOx in a Wet ESP", 08/20/2001, Mega Symposium,	
	Chicago, IL	
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	No. ¹	the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. LEE et al., "The Effect of In Situ Generated Ammonia-Sulfur Aerosols on the Removal of NOx in a Wet ESP", 08/20/2001, Mega Symposium,

Examiner	0 30 1 1	Date	4/28/10-
Signature	Jones N. Stuck	Considered	7/20/10]

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ELECTRONIC INFORMATION DISCLOSURE STATEMENT

TRADE Electronic Version v18

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Title of Invention

NOx, Hg, AND SO2 REMOVAL USING AMMONIA

Application Number:

10/707340

Confirmation Number:

1339

First Named Applicant:

Joanna Duncan

Attorney Docket Number: AL.US.16

Search string:

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or 4120671 or 4155726 or 4193774 or 4345916 or 4435260 or 4650555 or 4690807 or 4726940 or 4735927 or 4735930 or 4806320 or 4892718 or 4971777 or 5023063 or 5176888 or 5229091 or 5308385 or 5362458 or 5547648 or 5624649 or 5658547 or 5715764 or 5792238 or 5846301 or 5871703 or 6063352 or 6117403 or 6132692 or 6159440 or 6168709 or 6183708 or 6193934 or 6221325 or 6277343 or 6277344 or 6284022 or 6312505 or 6302945 or 5695616 or 5525317

or 5041271 or 6471926 or 6530978).pn.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

	init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	M	1	4028071	1977-06-07	Langlois			
	MA	2	4029482	1977-06-14	Postma et al.			
	29	3	4029739	1977-06-14	Senjo et al.		•	
	Sug	4	4035470	1977-07-12	Senjo et al.			
	%	5	4120671	1978-10-17	Steinmeyer			
1	B	6	4155726	1979-05-22	Steinmeyer			
	gs	7	4193774	1980-03-18	Pilat			
	PA	8	4345916	1982-08-24	Richards et al.			
	aff	9	4435260	1984-03-06	Koichi et al.			
	A	10	4650555	1987-03-17	Rzad et al.			
	24	11 ·	4690807	1987-09-01	Saleem			· · · · · · · · · · · · · · · · · · ·

					•		
set	12	4726940	1988-02-23	Kobayashi			
ant	13	4735927	1988-04-05	Gerdes et al.]		
af	14	4735930	1988-04-05	Gerdes et al.]	-	
711	15	4806320	1989-02-21	Nelson]		
an	16	4892718	1990-01-09	Peter et al.		•	
	17 .	4971777	1990-11-20	Firnhaber et al.] .		
27	18	5023063	1991-06-11	Stiles			
THE	19	5176888	1993-01-05	Stiles			
1 CAA	20	5229091	1993-07-20	Buchanan et al.] ·		
24	21	5308385	1994-05-03	Winn]		
341	22	5362458	1994-11-08	Saleem et al.			
14	23	5547648	1996-08-20	Buchanan et al.]		
my	24	5624649	1997-04-29	Gal]		
me	25	5658547	1997-08-19	Michalak et al.			
	26	5715764	1998-02-10	Lyngfelt et al.]		
BA	27	5792238	1998-08-11	Johnson et al.	}		
and	28	5846301	1998-12-08	Johnson et al.]		
M	29	5871703	1999-02-16	Alix et al.]		
1 824	30 ·	6063352	2000-05-16	Risse et al.		•	
m	31	6117403	2000-09-12	Alix et al.]		
mi	32	6132692	2000-10-17	Alix et al.			
111	33	6159440	2000-12-12	Schoubye			
1/14	34	6168709	2001-01-02	Etter	B1		
THE THE	35	6183708	2001-02-06	Hei et al.	B1		
	36	6193934	2001-02-27	Yang	B1		
Sag	37	6221325	2001-04-24	Brown et al.	B1		
DIN	38	6277343	2001-08-21	Gansley et al.	·B1		
20	39	6277344	2001-08-21	Hei et al.	B1		
THE	40	6284022	2001-09-04	Sachweh et al.	B1		
SH	41	6312505	2001-11-06	McQuigg et al.	B1		•
met	42	6302945	2001-10-16	Altman et al.	B1		
24	43	5695616	1997-12-09	Helfritch et al.			
	44	5525317	1996-06-11	Bhat et al.			
	45	5041271	1991-08-20	Aoki et al.		423	235
A	46	6471926	2002-10-29	Sander	B2	423	237
ma	47	6530978	2003-03-11	McQuigg et al.	B2	95	218
						<u></u>	

Date
4/28/05